1. PRODUCT AND COMPANY IDENTIFICATION

Product information

Trade name : EARTH OPTIONS BY RAID® - INSECTICIDAL SOAP

Use of the Substance/Preparation : Insecticide

Company : S.C. Johnson & Son, Inc.
1525 Howe Street
Racine WI 53403-2236

Emergency telephone : 24 Hour Transport & Medical Emergency Phone (866) 231-5406
24 Hour International Emergency Phone (952) 852-4647

2. HAZARDS IDENTIFICATION

Emergency Overview

Appearance / Odor : amber / liquid / mild

Immediate Concerns : Caution

CAUSES EYE IRRITATION.
Avoid contact with skin, eyes and clothing. Avoid breathing vapors, mist or gas.

Potential Health Effects

Routes of exposure : Eye, Skin, Inhalation, Ingestion.

Eyes : May irritate eyes.

Skin : May cause skin irritation.

Inhalation : May be harmful if inhaled.

Ingestion : May cause irritation to mouth, throat and stomach.

Aggravated Medical Condition : Persons with pre-existing skin disorders may be more susceptible to irritating effects.

3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS-No.</th>
<th>Weight %</th>
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<tbody>
<tr>
<td>Water</td>
<td>7732-18-5</td>
<td>60.00 - 100.00</td>
</tr>
<tr>
<td>Potassium salts of fatty acids</td>
<td>Mixture</td>
<td>1.00</td>
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</tbody>
</table>
4. FIRST AID MEASURES

Eye contact: Flush immediately with plenty of water for at least 15 to 20 minutes. Remove contact lenses. Get medical attention immediately.

Skin contact: Wash off with soap and water. Get medical attention if irritation develops and persists.

Inhalation: Remove to fresh air. If breathing is affected, get medical attention.

Ingestion: Do NOT induce vomiting. Drink 1 or 2 glasses of water. Never give anything by mouth to an unconscious person. Get medical attention immediately.

5. FIRE-FIGHTING MEASURES

Suitable extinguishing media: Water, Foam, Carbon dioxide (CO2)

Specific hazards during fire fighting: Container may melt and leak in heat of fire.

Further information: Wear full protective clothing and positive pressure self-contained breathing apparatus.

Flash point: Note: does not flash

Lower explosion limit: Note: no data available

Upper explosion limit: Note: no data available

6. ACCIDENTAL RELEASE MEASURES

Personal precautions: Material can create slippery conditions.

Environmental precautions: Use appropriate containment to avoid environmental contamination.

Methods for cleaning up: Soak up with inert absorbent material. Dike up large spills. Sweep up and shovel into suitable containers for disposal.
EARTH OPTIONS BY RAID® - INSECTICIDAL SOAP

Handling
Advice on safe handling: Use only as directed.
KEEP OUT OF REACH OF CHILDREN AND PETS.
Avoid contact with skin, eyes and clothing.
Avoid breathing vapors, mist or gas.

Storage
Requirements for storage areas and containers: Keep in a dry, cool and well-ventilated place.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

Occupational Exposure Limits
ACGIH or OSHA exposure limits have not been established for this product or reportable ingredients unless noted in the table above.

Personal protective equipment

Respiratory protection
Industrial setting: Substantial amounts of mist/vapors can be controlled with local exhaust ventilation or respiratory protection.
Household setting: No personal respiratory protective equipment normally required.

Hand protection
Industrial setting: For prolonged or repeated contact use protective gloves.
Household setting: not required under normal use

Eye protection
Industrial setting: If prolonged or repeated contact is possible:
Safety glasses with side-shields
Household setting: No special requirements.

Hygiene measures: Use only with adequate ventilation. Wash thoroughly after handling. Remove and wash contaminated clothing and gloves, including the inside, before re-use.
9. PHYSICAL AND CHEMICAL PROPERTIES

Form : liquid
Color : amber
Odor : mild
pH : 9.6
Boiling point : no data available
Freezing point : no data available
Flash point : does not flash
Evaporation rate : no data available
Lower explosion limit : no data available
Upper explosion limit : no data available
Vapour pressure : no data available
Water solubility : completely soluble
Specific Gravity : 1
Volatile Organic Compounds (California Air Resource Board – CARB) : 0 % - does not include any applicable regulatory exemptions
Total VOC (wt. %)

10. STABILITY AND REACTIVITY

Conditions to avoid : Direct sources of heat.
Materials to avoid : Strong oxidizing agents
Hazardous decomposition products : When exposed to fire, produces normal products of combustion.
Hazardous reactions : Stable
11. TOXICOLOGICAL INFORMATION

Acute oral toxicity:LD50 estimated > 5,000 mg/kg
Acute inhalation toxicity:LC50 estimated > 3.54 mg/l
Acute dermal toxicity:LD50 estimated > 5,000 mg/kg

Chronic effects
Carcinogenicity: no data available
Mutagenicity: no data available
Reproductive effects: no data available
Teratogenicity: no data available
Sensitisation: Not known to be a sensitizer.

12. ECOLOGICAL INFORMATION

Ecotoxicity effects: Harmful to aquatic organisms.

13. DISPOSAL CONSIDERATIONS

Industrial setting: PESTICIDAL WASTE: Observe all applicable Federal, Provincial and State regulations and Local/Municipal ordinances regarding disposal.
Household setting: Dispose of in accordance with local regulations.
14. TRANSPORT INFORMATION

Land transport
- **U.S. DOT and Canadian TDG Surface Transportation:**
  - UN-Number: None.
  - Proper shipping name: not regulated
  - Class: None.
  - Packaging group: None.

Sea transport
- **IMDG:**
  - UN-Number: None.
  - Packaging group: None.
  - Proper shipping name: not regulated
  - Class: None.

Air transport
- **ICAO/IATA:**
  - Class: None.
  - Packaging group: None.
  - Proper shipping name: not regulated
  - UN/ID No.: None.

15. REGULATORY INFORMATION

Notification status: All ingredients of this product are listed or are excluded from listing on the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

Notification status: All ingredients of this product comply with the New Substances Notification requirements under the Canadian Environmental Protection Act (CEPA).

California Prop. 65: This product does not contain any chemicals known to State of California to cause cancer, birth, or any other reproductive defects.

Registration # / Agency
67702-21-4822/EPA

16. OTHER INFORMATION

<table>
<thead>
<tr>
<th>HMIS Ratings</th>
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<td>Health</td>
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</table>
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Flammability 0
Reactivity 0

Health 1
Fire 0
Reactivity 0

Further information
This document has been prepared using data from sources considered to be technically reliable. It does not constitute a warranty, expressed or implied, as to the accuracy of the information contained herein. Actual conditions of use are beyond the seller’s control. User is responsible to evaluate all available information when using product for any particular use and to comply with all Federal, State, Provincial and Local laws and regulations.

Prepared by: SC Johnson Global Safety Assessment & Regulatory Affairs (GSARA)